

said antibody-containing contents by coating the carrier material with said antibody-containing contents, distributing said carrier material coated with said antibody-containing contents in animal feed or water, and supplying the carrier material coated with said antibody-containing contents and animal feed or water to substantially prevent adherence of the immunogen in the intestinal tracts of the animals thereby promoting the growth of the animals.

20. The method of Claim 19 wherein: providing a dry feed carrier material from a group of materials including soybean hulls, rice hulls, corn, cottonseed hulls, distilled dried grains and beet pulp.

21. The method of Claim 15 including: providing a dry feed carrier material, drying said antibody-containing contents by coating the carrier material with said antibody-containing contents, distributing said carrier material coated with said antibody-containing contents in animal feed or water, and supplying the carrier material coated with said antibody-containing contents and animal feed or water to substantially prevent adherence of the immunogen in the intestinal tracts of the animals thereby promoting the growth of the animals.

22. The method of Claim 21 wherein: providing a dry feed carrier material from a group of materials including soybean hulls, rice hulls, corn, cottonseed hulls, distilled dried grains and beet pulp.

23. The method of Claim 16 including: providing a dry feed carrier material, drying said antibody-containing contents by coating the carrier material with said antibody-containing contents, distributing said carrier material coated with said antibody-containing contents in animal feed or water, and supplying the carrier material coated with said antibody-containing contents and animal feed or water to substantially prevent adherence of the immunogen in the intestinal tracts of the animals thereby promoting the growth of the animals.

24. The method of Claim 23 wherein: providing a dry feed carrier material from a

group of materials including soybean hulls, rice hulls, corn, cottonseed hulls, distilled dried grains and beet pulp.

25. A method of promoting the growth of food animals by decreasing the waste of dietary protein caused by the presence of colony-forming protein-wasting immunogens in the rumen or intestinal tracts of food animals by inhibiting the ability of the immunogen to adhere to the rumen or intestinal tracts of animals to reduce the ability of the immunogen to multiply, said method comprising:

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- A. Inoculating female birds, in or about to reach their egg laying age, with the particular targeted protein-wasting immunogen;
  - B. Allowing a period of time sufficient to permit the production in the birds of antibody to the targeted immunogen;
  - C. Harvesting the eggs laid by the birds;
  - D. Separating the antibody-containing contents of said eggs from the shells;
  - E. Providing a dry feed carrier material;
  - F. Coating said dry feed carrier material with the antibody-containing contents of the harvested eggs;
  - G. Distributing the resulting said carrier material coated with the antibody-containing contents of the eggs substantially uniformly through an animal feed; and
  - H. Supplying the resulting carrier material coated with the antibody-containing contents of said harvested eggs and animal feed to food animals to substantially prevent adherence of the targeted immunogen in the intestinal tracts of the animals thereby promoting the growth of the animals.

26. The method of Claim 25 wherein: providing a dry feed carrier material from a group of materials including soybean hulls, rice hulls, corn, cottonseed hulls, distilled dried

grains and beet pulp.

27. A method of promoting the growth of food animals by decreasing the waste of dietary protein caused by the presence of a protein-wasting immunogen in the rumen or intestinal tracts of food animals to reduce the ability of the immunogen to multiply, said protein-wasting immunogen is P antigen from *P.anaerobius*, said method comprising:

- A. Inoculating female birds, in or about to reach their egg laying age, with P antigen from *P.anaerobius*;
- B. Allowing a period of time sufficient to permit the production in the birds and eggs laid by the birds of antibody to P antigen from *P.anaerobius*;
- C. Harvesting the eggs laid by the birds;
- D. Separating the antibody-containing contents of said harvested eggs from the shells;
- E. Providing a dry feed carrier material;
- F. Coating said dry feed carrier material with the antibody-containing contents of said harvested eggs;
- G. Distributing said carrier material coated with the antibody-containing contents of said harvested eggs substantially uniformly in animal feed; and
- H. Supplying the resulting dry carrier material coated with the antibody-containing contents of said harvested eggs and animal feed to food animals to substantially prevent adherence of the immunogen in the intestinal tracts of the animals thereby promoting the growth of the animals.

28. The method of Claim 27 wherein: providing a dry feed carrier material from a group of materials including soybean hulls, rice hulls, corn, cottonseed hulls, distilled dried grains and beet pulp.

29. A method of promoting the growth of food animals by decreasing the waste of dietary protein caused by the presence of a protein-wasting immunogen in the rumen or intestinal tracts of food animals by inhibiting the ability of the immunogen to adhere to the rumen or intestinal tracts of food animals to reduce the ability of the immunogen to multiply, said protein-wasting immunogen is CS antigen from C.sticklandii, said method comprising:

- A. Inoculating female birds, in or about to reach their egg laying age, with CS antigen from C.sticklandii;
- B. Allowing a period of time sufficient to permit the production in the birds and eggs laid by the birds of antibody to CS antigen from C.sticklandii;
- C. Harvesting the eggs laid by the birds;
- D. Separating the antibody-containing contents of said harvested eggs from the egg shells;
- E. Providing a dry feed carrier material;
- F. Coating said dry feed carrier material with the antibody-containing contents of the harvested eggs;
- G. Distributing said carrier material coated with the antibody-containing contents of the eggs substantially uniformly in animal feed; and
- H. Supplying the resulting antibody-containing contents and animal feed to food animals to substantially prevent adherence of the immunogen in the intestinal tracts of the animals thereby promoting the growth of the animals.

30. The method of Claim 29 wherein: providing a dry feed carrier material from a group of materials including soybean hulls, rice hulls, corn, cottonseed hulls, distilled dried grains and beet pulp.

31. A method of promoting the growth of food animals by decreasing the waste of

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dietary protein caused by the presence of a protein-wasting immunogen in the rumen or intestinal tracts of food animals by inhibiting the ability of the immunogen to adhere to the rumen or intestinal tracts of food animals to reduce the ability of the immunogen to multiply, said protein-wasting immunogen is CA antigen from C.aminophilum, said method comprising:

- A. Inoculating female birds, in or about to reach their egg laying age, with CA antigen from C.aminophilum;
- B. Allowing a period of time sufficient to permit the production in the birds and eggs laid by the birds of antibody to CA antigen from C.aminophilum;
- C. Harvesting the eggs laid by the birds;
- D. Separating the antibody-containing contents of said harvested eggs from the egg shells;
- E. Providing a dry feed carrier material;
- F. Coating said dry feed carrier material with the antibody-containing contents of the harvested eggs;
- G. Distributing said carrier material coated with the antibody-containing contents of the eggs substantially uniformly in animal feed; and
- H. Supplying the resulting antibody-containing contents and animal feed to food animals to substantially prevent adherence of the immunogen in the intestinal tracts of the animals thereby promoting the growth of the animals.

32. The method of Claim 31 wherein: providing a dry carrier from a group of materials including soybean hulls, rice hulls, corn, cottonseed hulls, distilled grains and beet pulp.

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#### REMARKS

Reconsideration and examination of this application with added Claims 17 to 32 is